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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PCT NATIONAL STAGE APPLICATION OF

Art Unit: 1646

Baumgarten, Birgit, et al.

Examiner: Li, Ruixiang

INTERNATIONAL APPLICATION NO: PCT/EP04/006625

FILED: June 18, 2004

U.S. APPLICATION NO: 10/560,322

35 USC §371 DATE: September 12, 2006

FOR: PROTON-SENSING G-PROTEIN COUPLED RECEPTORS AND

DNA SEQUENCES THEREOF

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

## RESPONSE TO OFFICE ACTION

Sir:

This Reply is submitted in response to the Office Action mailed November 24, 2009. This response is timely filed by the due date of February 24, 2010, thus, no extensions are required.

Please enter the following amendments and the remarks.

Amendments to the Claims are reflected in the listing of the claims which begin on page 3 of this paper.

Remarks/Arguments begin on page 5 of this paper.